

Sea-Weeds.

The weeds of the sea contain properties as fertilizing as land plants when decomposed. For ages, the rivers and streams have been pouring the riches of the interior soil about their mouths and all along the coast, where they have become deposits in the form of clambeds, mud-flats, &c.; and from them spring edgeways and other marine plants, which, in ripening, are

washed on shore in vast quantities. Kelp, sea, and rock-weeds, which are produced upon marine rocks, are equally valuable. These, conveyed to the uplands

can but enrich the soil. Those who reside near the sea have an inexhaustible source of wealth in the shape of sea-weeds, which they collect in great quantities, and, by drying, hog pen or compost heap, they use very successfully converted into powerful fertilizers. We have thought they would pay well for transportation a considerable distance inland, but they are very expensive here and streams. Doubtless their effect would be more powerful in interior land, than near the coast, where the soil is so much enriched. The sea-weeds are so valuable to the fisherman, he keeps a sufficient quantity of them in his house, to be used in case of emergency, that the earth is quite destitute of it; hence the marauding properties of salt in the interior. Large goulds of sea-weeds are sold along with kelp, but for such a weight, at a slight expense, for the fisherman, and for any of our navigable rivers with great advantage to farmers. Millions of loads of such dressing might be gathered up, and sold at a small profit, and to great advantage. Such marine plants contain what lands back from the sea greatly need, viz: salt; and they are powerful fertilizers even when applied green. They may be spread on the ground in the autumn, and will be of great use to potatoes, &c., when planted. Potatoes thus raised always come out of the ground in harvest time, free from worms or canker, smooth and healthy. Professor Johnston says:—

"The marine plants of which seaweeds consist, are

from the green vegetable grown upon the land, by the greater rapidity with which they undergo decay. When laid as a top dressing upon the land, they melt down, as it were, and in a short time almost entirely disappear. This rapid decay is owing very much to the peculiar nature of the organic matter they contain. This organic matter consists, chiefly, of a mucilaginous substance, which quickly falls away. But it is also rich in compounds of nitrogen, by which the decay of the whole plant is very rapidly promoted.

The dry plant is then much richer in nitrogen than any of our green crops grown upon land; and therefore, not only decays more rapidly, but is fitted to supply nitrogen to the plants more abundantly, and therefore more rapidly to promote its growth. The seaweeds also differ from land plants, by the greater proportion of ash which they contain. The cultivated grasses give only from five to ten per cent. of ash. *Fucus vesiculosus* leaves from fifteen to twenty per cent. of ash. Green seaweed, therefore, imparts to the soil

The establishments which are becoming numerous on the coast of Maine for dressing the oil from porpoise manufacture large amounts of "fish guano," which is sent into the country in barrels, and is a decided fertilizer. The lobster factories also turn out tons of lobster chum, which is exceeding rich and a very durable manure.—*Portland Press.*

Resources of Farm Manure.

This subject is a ways in order among farmers whose soil has been long under cultivation, and the fertility partially exhausted. Western farmers occupying a virgin soil, who a few years since thought there was no use for it, and moved their barns to get out of the way of its accumulation, begin to see the utility of saving and applying it; they find that better crops are raised with it. I shall not attempt to suggest anything new, for it would seem impossible to call that which has been tried and written on, the subject.

but a frequent reiteration of similar precepts may induce some one to adopt a better system of saving and applying his manure. Does the reader make the most of his resources? Is there nothing left that can be converted into fertilizing material? When every resource is exhausted, then it is time to resort to commercial fertilizers. How is it with the hog-pen? that well supplied with good material to absorb the liquid as well as ammonia? A free supply will tend to keep the hogs clean and furnish a quantity of rich

Then there is the privy, which is too frequently allowed to waste its ammonia, instead of having absorbents supplied to fix it. A tight vault, into which duck, plaster, loam, &c., may be introduced and mixed, will supply several loads of poudrette, superior to what the market affords, with little labor. The hen-roost will supply several barrels of good guano, the quality of which there is no question, when home-manufactured, by supplying dry loam, plaster, &c.

with frequent overhauling. A pit so constructed that it may receive all the slops and wash from the house without waste, will, by filling in loam, muck, or coal dust, &c., give several loads of rich material suitable to be applied to any garden or field crop. Wood ashes, composted with dry muck, or loam, broken and mixed in a cask with fine loam and kept constantly wet with urine will dissolve and make good bone phosphate. Then oftentimes animals die from accident or disease, which may be converted into

nure by being cut up and composted with some of the various absorbents to be found on every farm. Urine of all kinds is the most valuable of manure, and should be saved by having absorbents applied as bedding; when it is convenient, stables should be so arranged as to be drained into pits or tanks. We advise every farmer to save what is at present wasted. We inquire, "Where shall I get fertilisers for my ground that I may have the wherewith to grow good crops?" would be less frequently heard.—*Boston Cultivator*

Decorate the Homestead.

Next to wholesome food, home pleasures are necessary to enliven our spirits, promote our good health, and give a zest to rural life. What can give greater satisfaction to a family of refined taste than to have the grounds around the homestead decorated with the beauties of nature so bountifully furnished us? The species and varieties of trees, shrubs, roses, vines, &c. are now so numerous that a choice selection can

made to suit every clime, soil and exposure, and bloom and fruit all the growing season. See the tastefully arranged and gorgeously dressed with flowers of various colors, and decked with blooms far transcending the most costly jewelry in brilliancy, and perfuming the air with their fragrance. In windy days the gracefully bow, prance, and whirl around like sprightly youth in the dance, and the melody of the breeze serves them for music. How beautiful the picture is for great enjoyment, to those who can appreciate it.

It makes a cot a palace, and home a paradise; to the owner a king, and his wife a queen; it imparts a dignity to the manly graces of sons, and lustre to the beauties and virtues of daughters. The passing wayfarer is delighted with the scene, and sets it down in his mind as the abode of the great and good in heaven; and the virtuous and wise in actions.

After planting climbing vines to clothe the verandah and a few deciduous trees around the house for shade in summer, all the other trees, shrubs and roses, should

The Fruit Garden.
If large fruit is wanted, thinning assists. Str

Handsome forms are as desirable in fruit as in ornamental trees. No winter pruning will do this exclusively. It may furnish the skeleton—but it is summer pinching which clothes the bones with beauty. A strong shoot soon draws all its nutriment to itself.

Never allow one shoot to grow that wants to be bigger than others. Equality must be insisted upon. Pin out always as soon as they appear, such as would be too strongly ahead, and keep doing as till the buds seem no stronger than the other. Thus the fruits get equally distributed.

Whether strawberries should have runners out depends much on kind and soil. Free growing kinds may grow too freely often in rich soils. Allowing them to exhaust themselves and the soil by growing too many runners is a mistake. Free growing kinds, such as

together is an advantage. Buyers generally do no good under such treatment. Most garden soils are rich; but on the whole the most profitable and plan is the system of cutting runners off.

If there be any blackberry really earlier than DuRoi, it will be well for those who love this fruit to look out in time, and satisfy themselves. They will be in bloom about the end of the month in very warm places.—*Gardeners' Monthly*.

The substitute for the 4th and 5th sections was agreed to, providing for the payment of the public debt, all persons and companies incurred in suppressing the rebellion, and prohibiting the payment by the United States of any debt incurred in aid of the rebellion, or for payment of emancipated slaves.

The joint resolution was then put upon the passage, and passed—yeas 88, nays 11.

The Chair announced the passage by a two-thirds vote.

It goes back to the House for concurrence in the reported bill.

Mr. Blaine, from the Committee on Military Affairs, reported a joint resolution, which was read by the clerk, and for other day, as well as thereby be denied of his right to demand.

On motion of Mr. Blaine, the Committee on Pensions were instructed to inquire into the expediency of amending the pension act so as to provide for the payment of pensions to the heirs of the deceased.

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The bill previously passed by the House providing for the safe keeping of public moneys entrusted to disbursing officers was passed.

House Mr. Ames offered the following resolution: Resolved, That the Committee on Foreign Affairs be instructed to report a bill repealing an Act approved April 20, 1819, in relation to the neutrality law, under the terms of which the President's proclamation against the Fenian was issued.

Mr. Ames moved to lay the resolution on the table. Mr. Ames subsequently modified his resolution so as to make it read: That the Committee on Foreign Affairs be instructed to inquire into the expediency of reporting such bill.

The House refused to lay the resolution on the table by a vote of 104 to 113 yeas.

Mr. Schenck offered a resolution as a substitute, that the President call to reconsider the policy adopted by him as to the Fenian, and request him to adopt the same, and requesting him to report the same to the House.

The question was taken on referring the original resolution and Mr. Schenck's substitute to the Committee on Foreign Affairs, and the question was decided in favor of the original resolution.

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It is stated that the Prussian-Italian treaty names May 28 for the commencement of hostilities.

Earthquakes for intercalations near Vienna have already been common.

A proclamation was looked for in Venice, ordering the delivery up of all arms, and it was expected that a proclamation of this kind would follow.

A revolution was proceeding day by day in Italy, and the Italian volunteers were proceeding day by day in Italy, and the Italian volunteers were proceeding day by day in Italy.

A revolutionary company had been discovered at Naples, and the members of the company had been arrested.

Arrests on a large scale were being made, and the clerical and Bourbon party were in a state of terror.

In the Federal Diet at Frankfurt a proposal of the Prussian Diet that the Diet should request Austria, Prussia and all the German States to have their troops to suppress the military establishments to reduce them to a peace footing was unanimously adopted.

The representatives of Austria and Prussia said that in the first sitting of the Diet they would declare their conditions on which they were willing to disarm, and the latter referred to the proceedings of Prussia as an evidence of her peaceful intentions.

The demand for a convocation of the German Parliament as the only means of averting war.

An influential meeting was held at the Mansion House in London on the 21st, at which the Lord Mayor presided, to inaugurate a movement to raise a memorial to George Balfour.

Resolutions were adopted, and the memorial was signed by the Lord Mayor, and the memorial was signed by the Lord Mayor, and the memorial was signed by the Lord Mayor.

Upward of 300 miles of the new Atlantic cable have been stored on the Great Eastern, and about 60 miles of cable were being stored on the Great Eastern, and about 60 miles of cable were being stored on the Great Eastern.

Another steamer (the Albany) has also been engaged to assist in the enterprise, and the steamer (the Albany) has also been engaged to assist in the enterprise, and the steamer (the Albany) has also been engaged to assist in the enterprise.

The Times article says: "Although the suspension of the Bank charter not good for money, it is hardly to be questioned that it has in some respects aggravated the commercial pressure, and intensified the inconvenience to which all the mercantile and industrial classes have been exposed."

The London Observer states that no Congress will assemble unless Austria joins, and her consent has not yet been given.

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